

**PM SHRI GOVT. SR. SEC. SCHOOL
PAWTI (4303)**



BLOCK :- SAMALKHA (PANIPAT)

Email :- ghspawti@gmail.com

पत्र क्रमांक 1626

दिनांक..... 11/03/2024

सैना में,
जिला अग्निशमन अधिकारी
पानीपत

विषय - Fire & Safety से सम्बंधित अनापत्ति प्रमाणपत्र
प्रदान करने के लिए,

महोदय,
उपरोक्त विषय के संदर्भ में आपसे निवेदन है
कि शाहूक गांव पावटी (4303) हरियाणा शिक्षा विभाग
के द्वारा पी.एम.श्री योजना में चयनित हुआ है।
तदनुसार केन्द्रीय माध्यमिक शिक्षा परिषद द्वारा सम्बन्धित
है। आपके विभाग से अनापत्ति प्रमाणपत्र आपसे
है।

अतः आपसे निवेदन है कि अग्निशमन उपकरण
जगवान की अनुमति देकर अनापत्ति प्रमाणपत्र
प्रदान करने की कृपा करें ताकि विभागीय आवश्यकता
आवामी आवश्यक कार्यवाही जीव्यता से हो सके।


11/3/24
PRINCIPAL
PM SHRI
GSSS PAWTI (PNP)
SCHOOL CODE: 4303

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PRUTHI & ASSOCIATES

ENGINEERS, VALUERS,
ARCHITECTS & PLANNERS

Off. : 3-B, Indira Market, Near Bus Stand,

G.T. Road, Panipat-132103 (Haryana)

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Ms. Simran Girdi Fire UK

ER. R.K. PRUTHI (B.Tech. Civil)
Regd. Valuer IIV INDIA No. CAT-
1/F-2767, AMIE (INDIA) Regn. No.
AM181489-6, CE (INDIA) NO.
AM1814896, Panel Valuers for: Bank of
Baroda, Federal Bank, The Panipat Centu
Co-operative Bank Ltd., PNB, Union Ba
of India, UCO Bank, Panipat M.
Corporation Panipat

Ref No. P&A/FIRE/F-19/2024/3

Dated . 19-02-2024

TO WHOM SO EVER IT MAY CONCERN

This is certified that the Design of Fire Protection System, Fire Ala
System & Mechanical Ventilation well as the Fire Safety of the Educatio
Building (Category B1 Subdivision 1) And its Occupants of "M/s P.
SHRI GSSS" PAWTI Situated at Pawti, Distt.- Panipat (Haryana)
designed as per provision of National Building Code of India 1983 Part –
revised 2016 & all provision shall be made to Control any eventuality of f

M/S P.M. SHRI GSSS PAWTI Situated at Pawti, DISTT- PANIPAT (HARYANA)

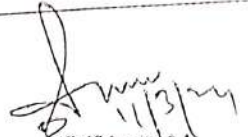
**REQUIREMENTS FOR FIRE FIGHTING INSTALLATIONS IN
BELOW 15.0 M HT. BUILDING AS PER NBC 2016**

EDUCATIONAL BUILDING(Group B-1 Subdivision 1) – BELOW 15 Mtrs = 4.268 M

| S.No. | Particulars | Requirements as per NBC | Proposed |
|-------|------------------------------------|-------------------------|------------------------------------|
| 1. | Fire Extinguishers | Required | Proposed |
| 2. | Hose Reel | Required | Proposed |
| 3. | Dry Riser | Not Required | Not Proposed |
| 4. | Wet Riser | Not Required | Not Proposed |
| 5. | Down-comer | Not Required | Not Proposed |
| 6. | Yard Hydrant | Not Required | Not Proposed |
| 7. | Automatic Sprinkler System | Not Required | Not Proposed |
| 8. | M.C.P.(Manual call Box) | Not Required | Not Proposed |
| 9. | Automatic Detection & Alarm System | Not Required | Not Proposed |
| 10. | U.G. Static water Tank | Not Required | Not Proposed |
| 11. | Terrace Tank | Required 10KL | Proposed 10KL (BLOCK-A & G) |
| 12. | Fire Pumps | Not Required | Not Proposed |
| 13. | Terrace Pump | Required 450 LPM | Proposed 450 LPM (BLOCK- A & G) |

Fire Consultant's Sign


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Gurgaon, Haryana - 122103
Architect's Sign
(M) 98962-42633


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Owner's Sign

PERFORMA FOR HARYANA FIRE SERVICES

1. Name & address of the building : M/S P.M. SHRI GSSS PAWTI Situated at Pawti,
Distt – Panipat (Haryana)
2. Type of occupancy : Educational Building
(Group-B1 Subdivision 1)
3. No. of blocks/towers : 8 Nos
4. Height of building : BLOCK-A = 4.115 M
BLOCK-B = 4.115M
BLOCK-C = 4.115 M
BLOCK-D = 4.115 M
BLOCK-E = 4.268 M
BLOCK-F = 4.268 M
BLOCK-G = 4.268 M
BLOCK-H = 4.115 M
5. Permissible height : 30.0 M
6. Numbers of floors : BLOCK-A = Ground Floor Only
BLOCK-C = Ground Floor Only
BLOCK-D = Ground Floor Only
BLOCK-E = Ground Floor Only
BLOCK-F = Ground Floor Only
BLOCK-G = Ground Floor Only
BLOCK-H = Ground Floor Only
7. Covered area on ground floor : BLOCK-A = 481.88 SQM
BLOCK-B = 77.25 SQM
BLOCK-C = 140.85 SQM
BLOCK-D = 136.06 SQM
BLOCK-E = 518.18 SQM
BLOCK-F = 152.83 SQM
BLOCK-G = 494.656 SQM
BLOCK-H = 25.25 SQM
8. Typical floor area/area at each floor: N.A
9. No. of basement : N.A
10. Basement floor area if any : N.A
11. Total plot area : 6907.46 SQM
12. Check list according to HFS Act 2009/HBC-2017/NBC-2016



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| S.No. | Minimum Standards on fire prevention and fire safety (Clause/code/BIS) | HBC-2017/NBC-2016 requirement | Provisions Proposed |
|---|--|--|---|
| 1. | Access to fire appliances () | | |
| | • Road width | 12.0 M | 20.0 M Main Road |
| | • Gate width | 6.0 M | 6.0 M |
| | • Width of internal road | 6.0 M Movement Road 9.0 M Turning Radius | 6.0 M Wide Motorel Fire Tender Movement Road wit 9.0 M Turning Radiu |
| Remarks if any : | | | |
| 2. | Size (width) Number, type & arrangement of exits | | |
| | Travel distance (4.4.2.2/NBC-4) | 30.0 M | Less Than 30.0 M |
| | Dead End Travel distance (4.4.2.2(C)) | 6.0 M | No Dead End |
| | Number of staircase (4.4.2.1/NBC-4) | | |
| | • Upper floors | Required Minimum 2 Nos of Floor Covd. Area More than 500 SQM. & Building Height than 15.0M | N.A (No. Staircase) |
| | • | | |
| | • | | |
| | • | | |
| | Basements | N.A | N.A |
| | Width of staircases (4.4.2, 4.3.2/NBC-4) | | |
| | • Upper floor | 1500 MM | N.A |
| | • Basements | N.A | N.A |
| | Provisions of staircase (4.4.2.4.3/NBC-4) | Not Required | Not Proposed |
| | Firefighting Shaft/Fire Tower (2.24 & E2/NBC-4) | Not Required | Not Proposed |
| | No. of continuous staircases to terrace (4.4.2.4.3.2-h4/ NBC-4) | All Staircases Continuous to Terrace | N.A |
| Ramp, if any (width) (4.4.2.4.3.5/ NBC-4) | N.A | N.A | |
| Protection of exits (4.4.2.5/ NBC-4) | | | |
| • Fire check door (4.4.2.4.3.2-h2/NBC-4) | Not Required | Not Proposed | |
| • Pressurization (4.4.2.5(b) & E2/NBC-4) | Required | N.A | |
| Width of Corridor (4.4.1 & 4.4.2.4.2/NBC-4) | Required 2.0 M - | Proposed Above 2.0 | |
| Door Size (4.4.2.4.1/NBC-4) | 1.2 M | 1.22 M | |
| Remarks if any : | | | |
| 3. | Compartmentation (4.5/NBC-4) | | |
| | • No. of fire compartments at basement level | N.A | N.A |
| | • Type of Compartmentation | | |
| | a) By fire resisting wall of 02 hrs rating | Yes/No | N.A |
| | b) By fire curtain of 02 hrs rating | Yes/No | |
| c) By water curtain | Yes/No | | |
| • Fire check door | N.A | N.A | |
| Remarks if any : | | | |

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| | | | |
|------------------|---|---|---|
| 4. | Smoke management system (3.4.8,4.6/Annex F NBC-4) | | |
| | Mechanical / Natural | | |
| | • Basement air changes(12ACPH) | N.A | N.A |
| | • Uppers floors air changes (12ACPH) | Natural | Openable Window For Natural Air |
| Remarks if any : | | | |
| 5. | Fire Extinguishers (5.1/ NBC-4/IS 2190) | | |
| | Total numbers on each floor | Required Distance Not More than 15.0M Each Fire Extinguisher & Maximum Covd. Area 200 SQM | Proposed 2 SETS 4 KG ABC & 4.5KG CO2 FIRE EXTINGUISHER |
| | GROUND FLOOR (BLOCK-A,E & G) | | |
| | GROUND FLOOR (BLOCK-B, C, D, F & H) | | Proposed 1 SETS 4 KG ABC & 4.5KG CO2 FIRE EXTINGUISHER |
| Remarks if any : | | | |
| 6. | First – aid Hose Reels (5.1/ NBC-4/ IS 884) | | |
| | Total number on each floor | Required 1 No on each 1000 SQM | 3 No Hose Reel Proposed at Ground Floor (BLOCK-A, E & G) |
| | Remarks if any : | | |
| 7. | Automatic fire Detection and Alarming system (4.9/NBC-4/IS 218) | | |
| | Type of detectors | Not Required | Not Proposed |
| | Above False Ceiling. If Any | Required if False Ceiling & True Ceiling Gap More than 800 MM | No False Ceiling |
| | Remarks if any : | | |
| 8. | MOEFA (4.9/NBC-4/ IS 2189) | Not Required | Not Proposed |
| 9. | Public Address System (3.4.12/NBC-4) | Not Required | Not Proposed |
| 10. | Automatic Sprinkler System (5.1.3/NBC-4/ IS 15105) | | |
| | • Basement • Upper floor • Sprinkler above false ceiling | N.A | N.A |
| | | Not Required | Not Proposed |
| | | Required if False Ceiling & True Ceiling Gap More than 800 MM | No False Ceiling |
| | • Fire Service Inlet | Required | Provided |
| 11. | Internal Hydrants (5.1/ NBC-4/ IS 3844) | | |
| | • Size of Riser/ Down comer | 100 MM Dia Hose Reel Pipe | Proposed 100 MM Dia Hose Reel Pipe |
| | • Number of Hydrants per floor | Not Required | Not Proposed |
| | • Total no. of Hydrants in the Premises | N.A | N.A |
| | • Hose boxes near landing valve | Not Required | Not Proposed |
| | • Fire service inlet | Required | Provided |
| | Remarks if any : | | |

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